

Title (en)

Endoscopic fundoplication devices for treatment of gastroesophageal reflux disease

Title (de)

Endoskopisches Fundoplication-Gerät zur Behandlung von Gastroösophagealen Reflux

Title (fr)

Dispositifs de fundoplication endoscopiques permettant de traiter le reflux gastro-oesphagien pathologique

Publication

**EP 1513457 B1 20070801 (EN)**

Application

**EP 03761072 A 20030617**

Priority

- US 0318935 W 20030617
- US 17530702 A 20020620

Abstract (en)

[origin: EP1844716A2] An endoluminal surgical device (100) for fastening multiple tissue layers, comprising a tissue fastener (200); a flexible needle (170) configured to carry at least a portion of a tissue fastener; and a deflector (150) defining a curved conduit for deflecting and guiding the needle toward the multiple tissue layers.

IPC 8 full level

**A61B 17/00** (2006.01); **A61B 17/04** (2006.01); **A61B 17/06** (2006.01); **A61B 17/28** (2006.01)

CPC (source: EP US)

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**EP 1844716 A2 20071017**; **EP 1844716 A3 20071128**; **EP 1844716 B1 20100331**; **EP 1844716 B2 20200527**; AT E368421 T1 20070815; AT E462358 T1 20100415; AU 2003251532 A1 20040106; AU 2003251532 B2 20080626; CA 2460633 A1 20031231; DE 60315294 D1 20070913; DE 60315294 T2 20080417; DE 60331977 D1 20100512; EP 1513457 A2 20050316; EP 1513457 B1 20070801; JP 2005529710 A 20051006; JP 4358105 B2 20091104; US 2003236536 A1 20031225; US 2007010836 A1 20070111; US 2011276063 A1 20111110; US 2013317524 A1 20131128; US 2016081687 A1 20160324; US 7125413 B2 20061024; US 7963974 B2 20110621; US 8523886 B2 20130903; US 9226746 B2 20160105; US 9931112 B2 20180403; WO 2004000129 A2 20031231; WO 2004000129 A3 20040422

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